



**Summary of Tactical IH Strike Team and H&S Operations  
Work Area Monitoring Activities  
Conducted by CTEH  
In Response to the MC 252 Oil Spill**

**Daily Summary for May 17, 2010**

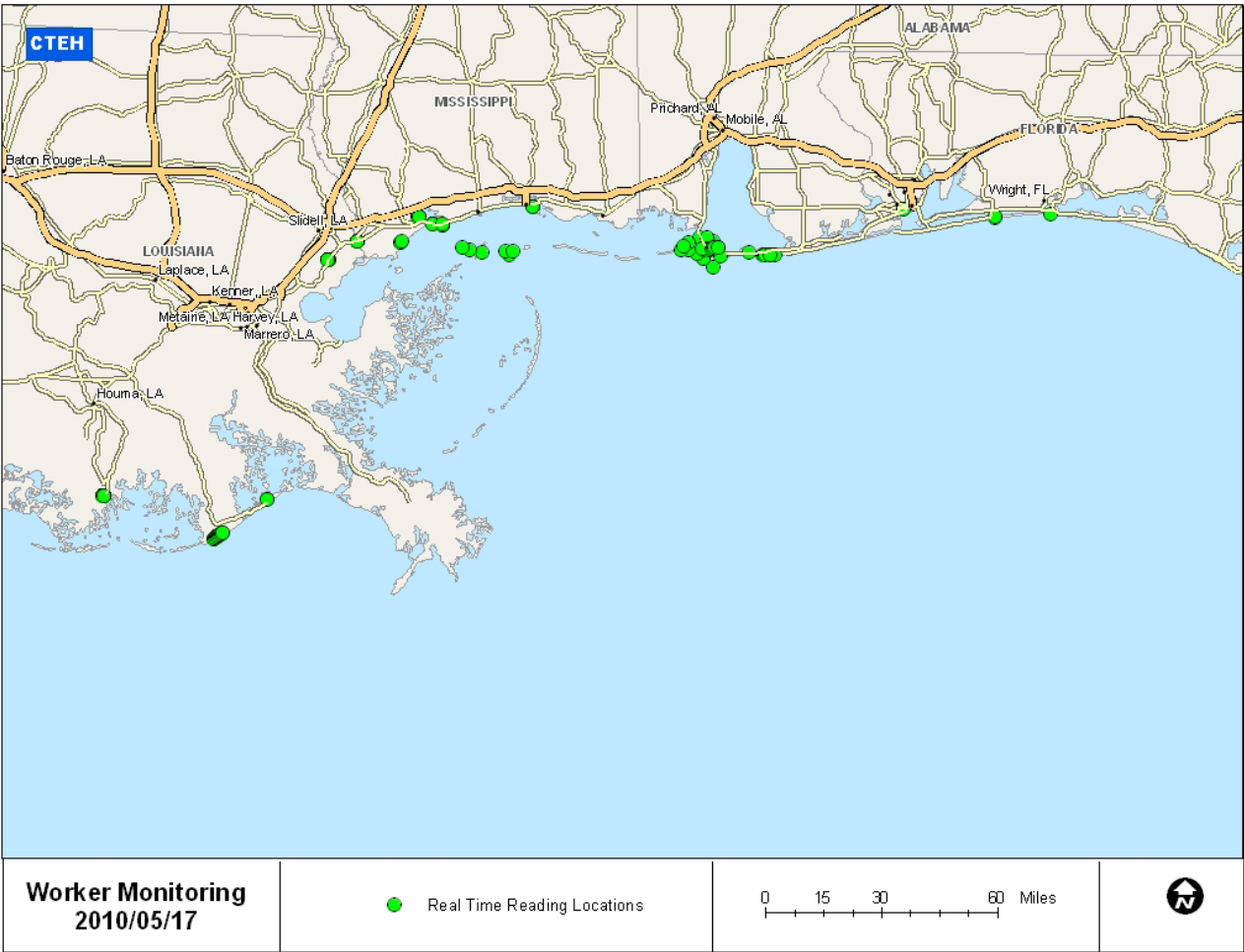
Real-time air monitoring and odor investigation was conducted by the MC252 Tactical IH Strike Team along the Gulf of Mexico coastline, between south of Houma, LA and Panama City, FL to address worker exposure concerns. The results of real-time air monitoring for May 17, 2010 are shown in Table 1. The locations where real-time air monitoring was conducted are shown in Figure 1.

**Table 1 Summary of Air Monitoring In Work Areas Along the Gulf Coast**

| Crude Oil Chemicals of Interest          | Number of<br>Measurements | Average<br>Concentration<br>(ppm) | Maximum<br>Concentration<br>(ppm) |
|------------------------------------------|---------------------------|-----------------------------------|-----------------------------------|
| <b>Volatile Organic Chemicals (VOCs)</b> | 205                       | 0.02                              | 3.4                               |
| <b>Total</b>                             | 205                       |                                   |                                   |

Air monitoring results show that crude oil vapors were not detected at the monitored locations. The maximum detection of 3.4 ppm of VOCs was attributed to a broken fuel line on a vessel at 10:59 a.m. According to the sampler, the vessel was repaired, cleaned, and cleared for work at 11:44 a.m. by a VOC reading of 1.4 ppm. There were no additional VOC detections.

**Figure 1 Map of Real-time IH Air Monitoring Conducted Throughout the Gulf Coast States**



Note – green dot shows the locations of air monitoring

